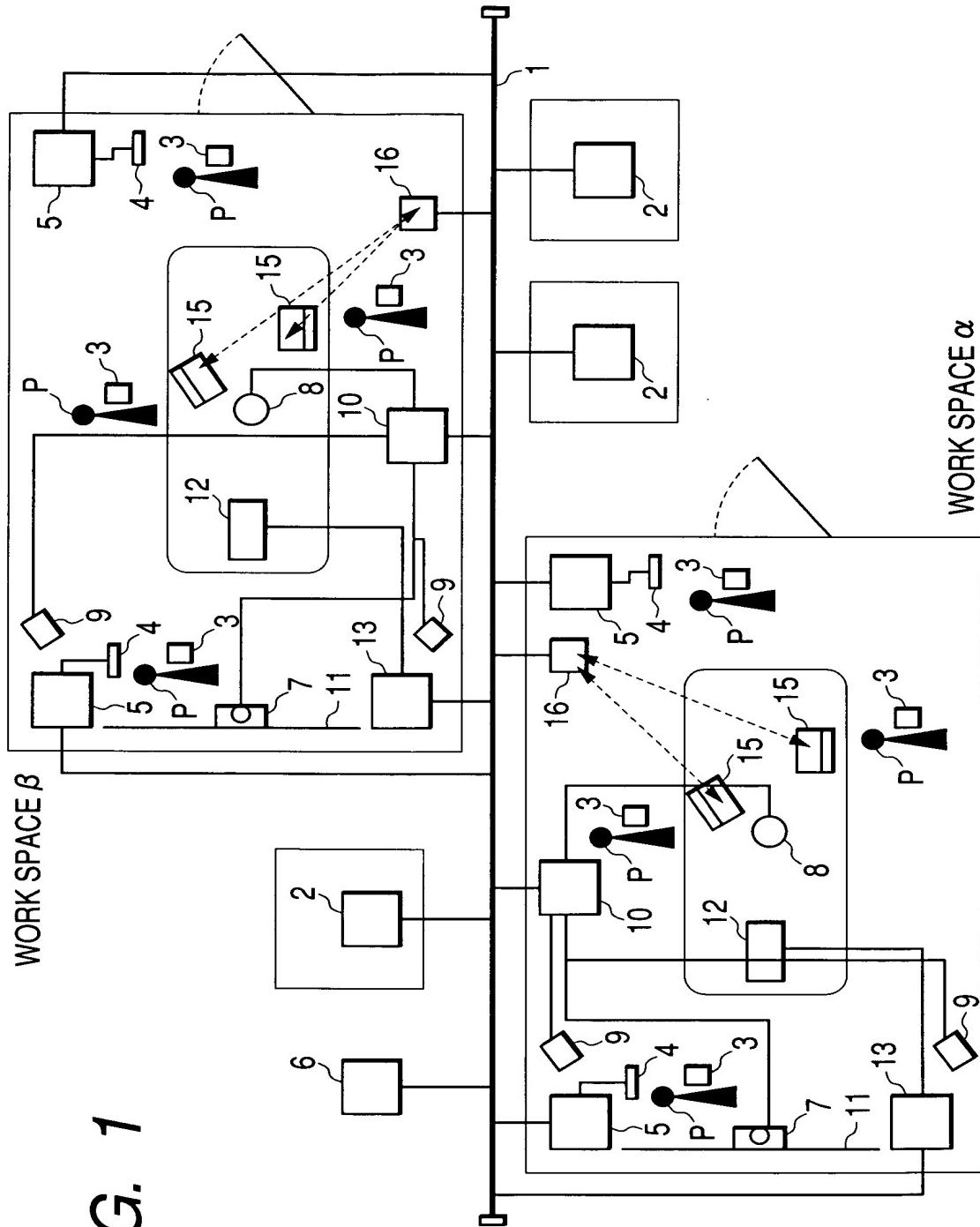




CONSTITUTION OF SYSTEM

FIG. 1





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FIG. 2

DATA STRUCTURE OF OBJECT DETECTION EVENT

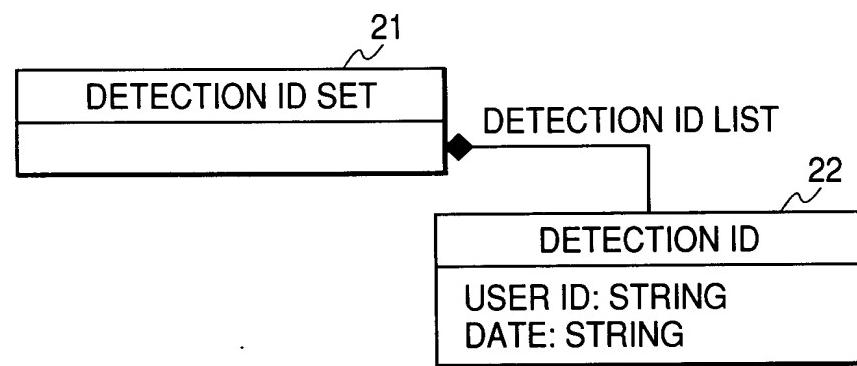




FIG. 3A
DETECTION OF OBJECT AND SENDING
OF OBJECT DETECTION MESSAGE

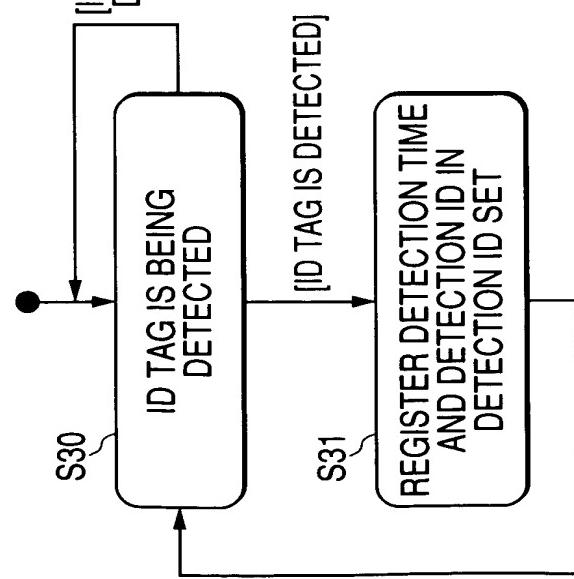
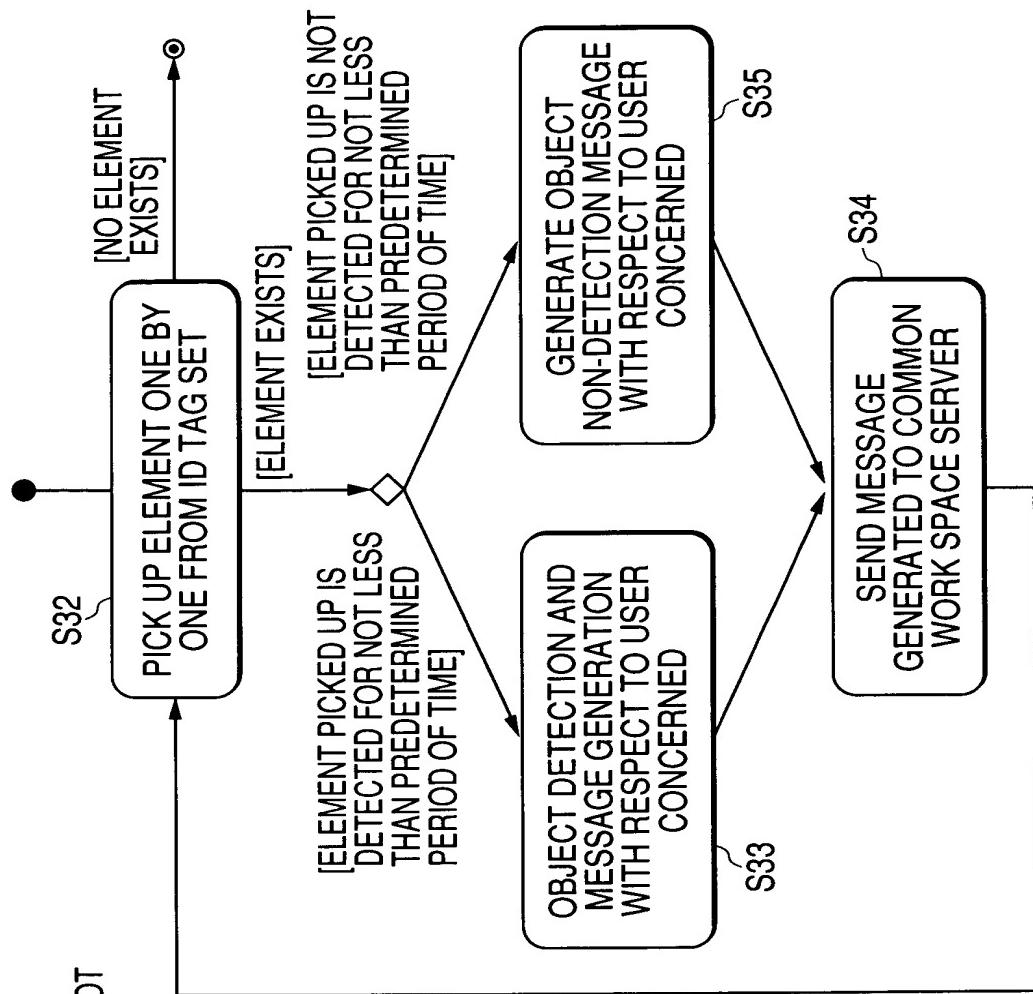


FIG. 3B

DETECTION OF OBJECT AND SENDING
OF OBJECT DETECTION MESSAGE





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FIG. 4A

OBJECT DETECTION MESSAGE

41

```
<?xml version="1.0" encoding="Shift-JIS" ?>
<sensedinfo>
    <messageid>13C57A9B11D1E3</messageid>
    <status>detected</status>
    <objectid>2A4A6D81CB012</objectid>
    <datetime>10:23:15 July, 20, 2002</datetime>
    <tagreaderid>5B10A1CF5D20</tagreaderid>
</sensedinfo>
```

FIG. 4B

OBJECT DETECTION MESSAGE

42

```
<?xml version="1.0" encoding="Shift-JIS" ?>
<sensedinfo>
    <messageid>1A35D791F1A13</messageid>
    <status>disappeared</status>
    <objectid>24A68DB1F01E2</objectid>
    <datetime>10:23:15 July, 20, 2002</datetime>
    <tagreaderid>5C1D0BA1E52B0</tagreaderid>
</sensedinfo>
```



FIG. 5
DATA STRUCTURE OF COLLABORATIVE ACTIVITY CONTEXT

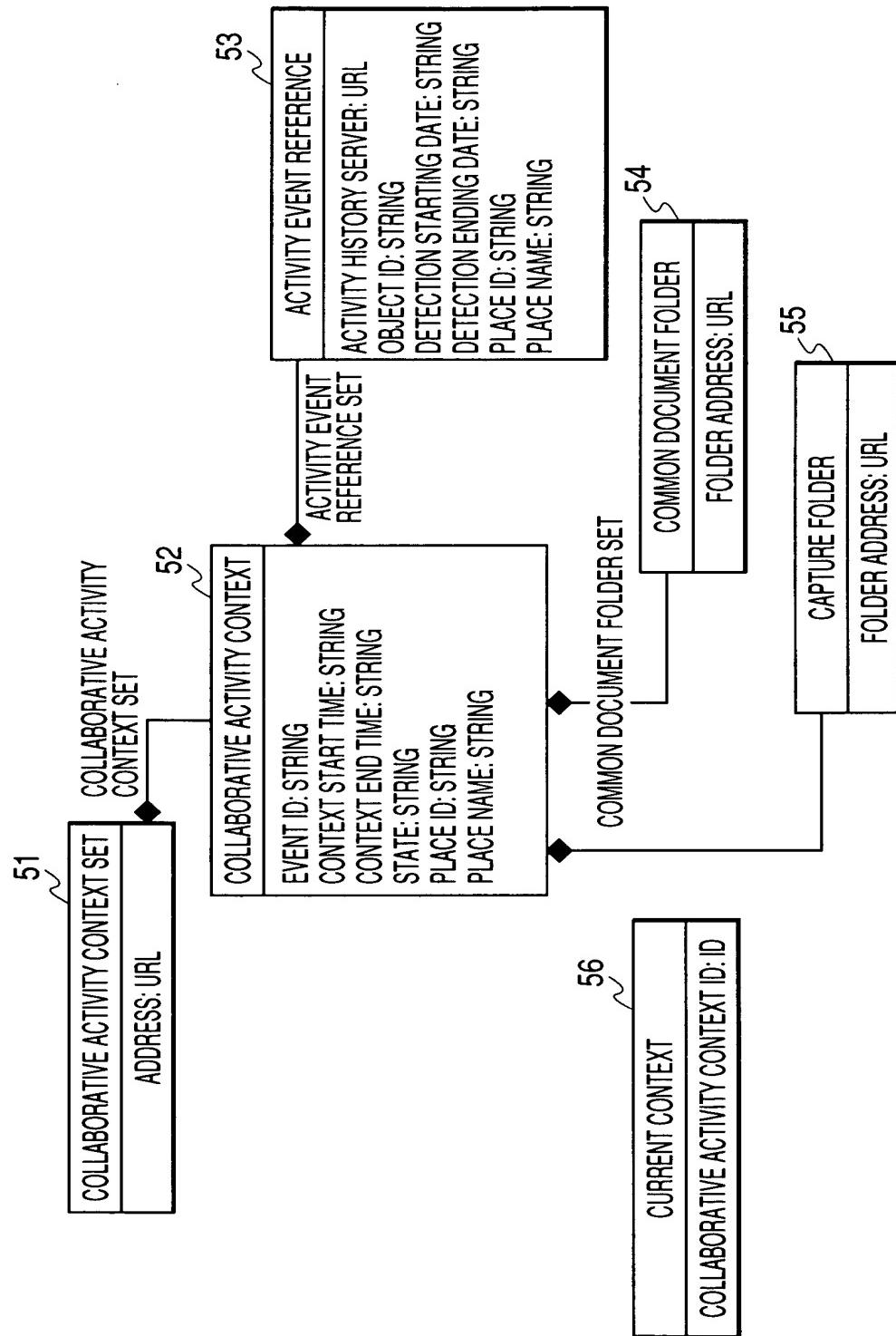


FIG. 6A

DETECTION OF OBJECT AND SENDING OF OBJECT DETECTION MESSAGE

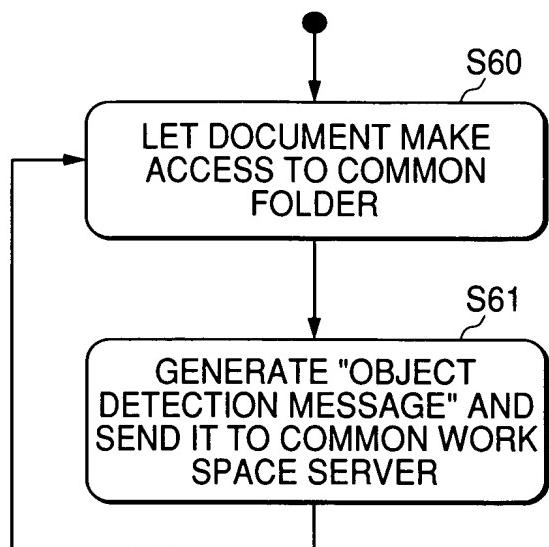


FIG. 6B

DETECTION OF OBJECT AND SENDING OF OBJECT DETECTION MESSAGE

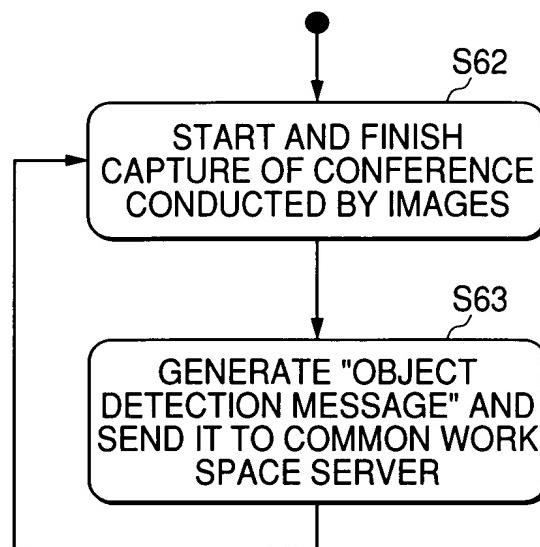
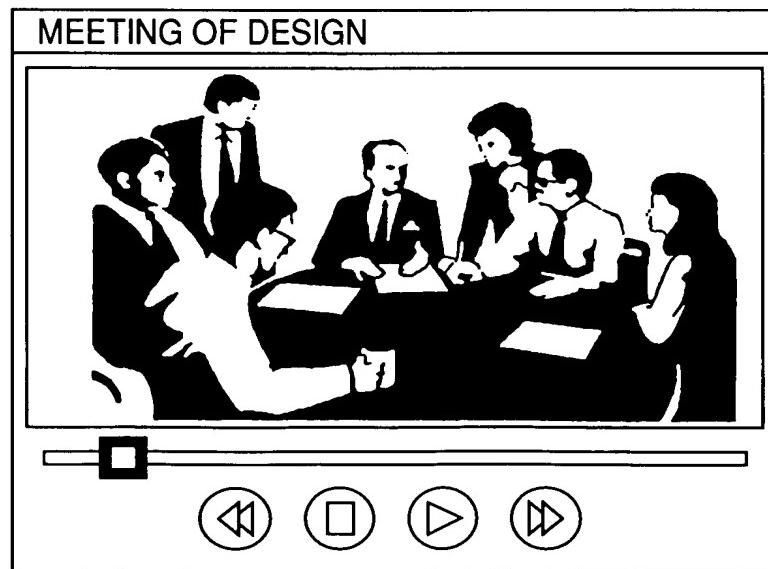


FIG. 7

REPRODUCE AND VIEW CAPTURE IMAGE





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FIG. 8

PROCESSING OF GENERATION OF OBJECT CONTEXT CHANGE EVENT

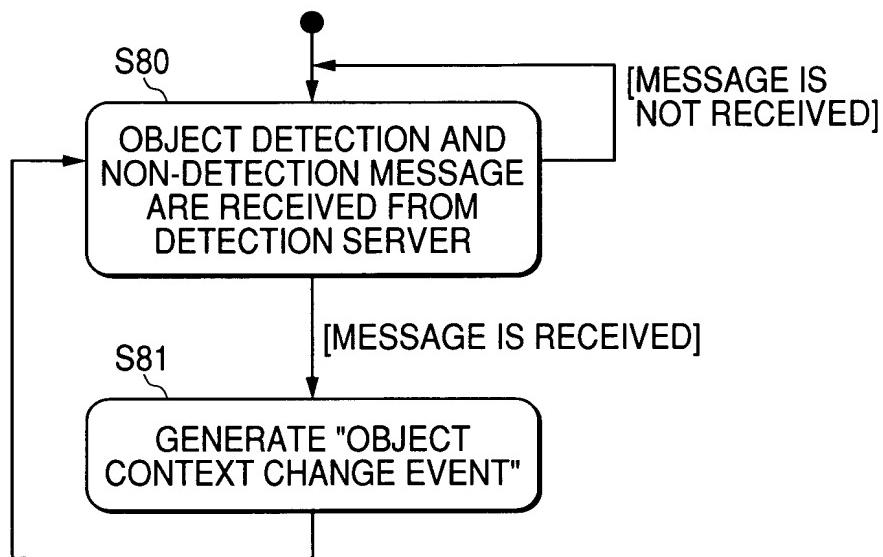


FIG. 9

DATA STRUCTURE OF COLLABORATIVE ACTIVITY OBJECT

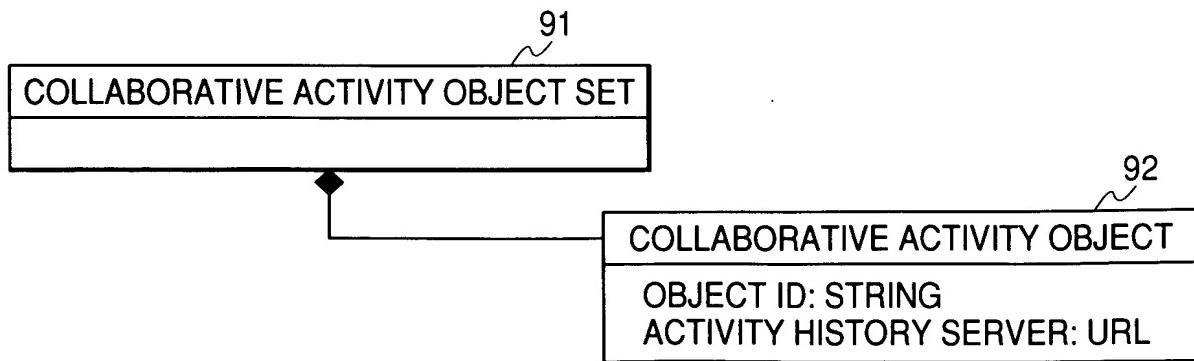




FIG. 10A

ACTIVITY EVENT REGISTRATION MESSAGE

101

```
<?xml version="1.0" encoding="Shift-JIS" ?>
<activityevent>
  <messageid>2A1D3C4B6C5</messageid>
  <status>appeared</status>
  <credential>67F1B3E7A9D</credential>
  <objectid>24A6C8D1E01A2</objectid>
  <objecttype>person</objecttype>
  <datetime>15:32:05 July, 20, 2002</datetime>
  <workspaceid>97A5CA3FD2B6</workspaceid>
  <workspacename>CONFERENCE ROOM 21</workspacename>
  <previous>http://www.alpha.net/3D2A4356BC36B.xml</previous>
</activityevent>
```

FIG. 10B

ACTIVITY EVENT REGISTRATION MESSAGE

102

```
<?xml version="1.0" encoding="Shift-JIS" ?>
<activityevent>
  <messageid>2A1D3C4B6C5</messageid>
  <status>disappeared</status>
  <credential>67F1B3E7A9D</credential>
  <objectid>24A6C8D1E01A2</objectid>
  <objecttype>person</objecttype>
  <datetime>15:32:05 July, 20, 2002</datetime>
  <workspaceid>97A5CA3FD2B6</workspaceid>
  <workspacename>CONFERENCE ROOM 21</workspacename>
  <previous>http://www.alpha.net/3D2A4356BC36B.xml</previous>
</activityevent>
```

FIG. 11

PROCESSING OF NOTIFICATION OF ACTIVITY EVENT TO ACTIVITY HISTORY SERVER

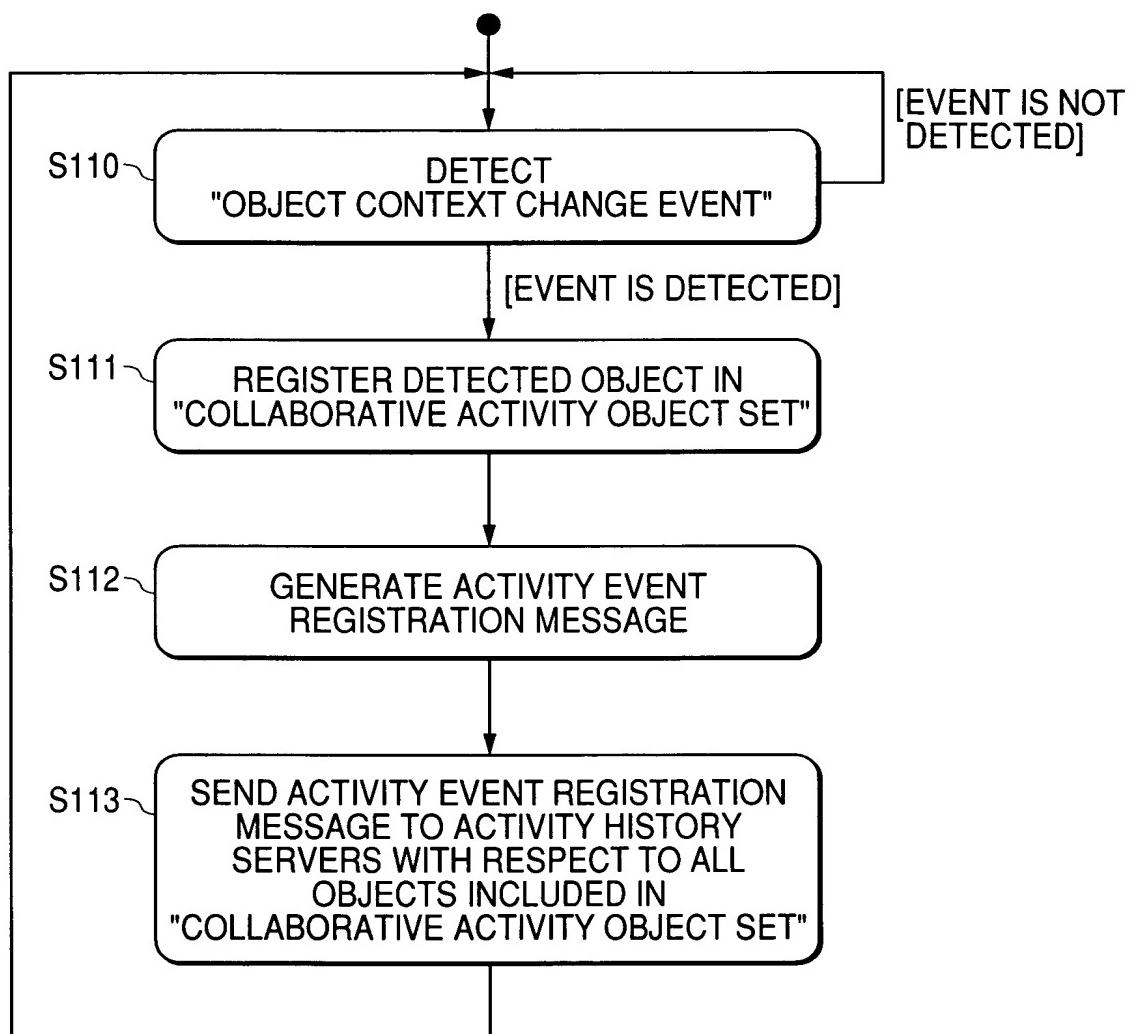




FIG. 12

PROCEDURE OF EXCHANGE OF MESSAGE IN TRANSMISSION OF ACTIVITY EVENT

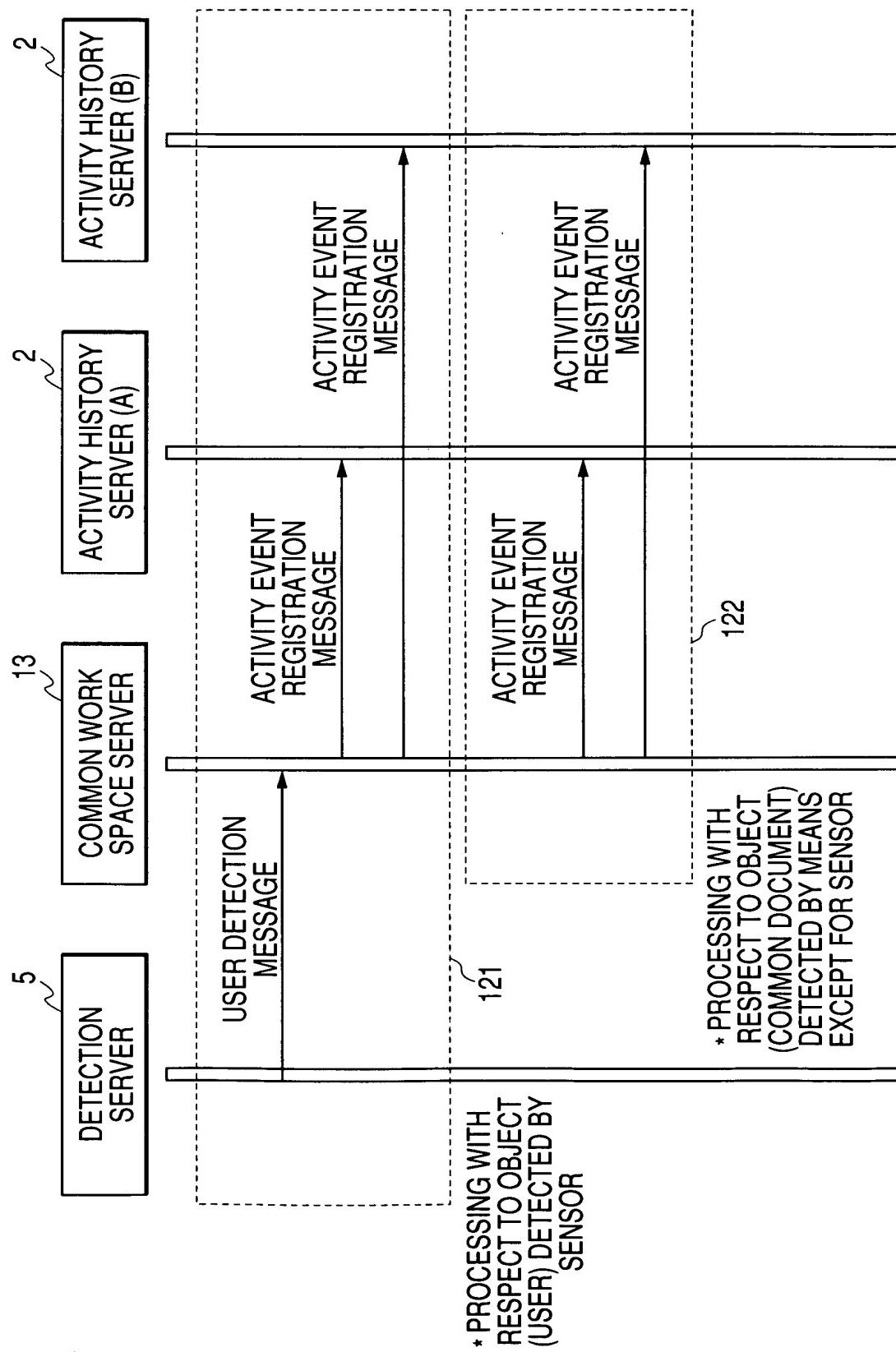




FIG. 13

DATA STRUCTURE OF OBJECT HISTORY

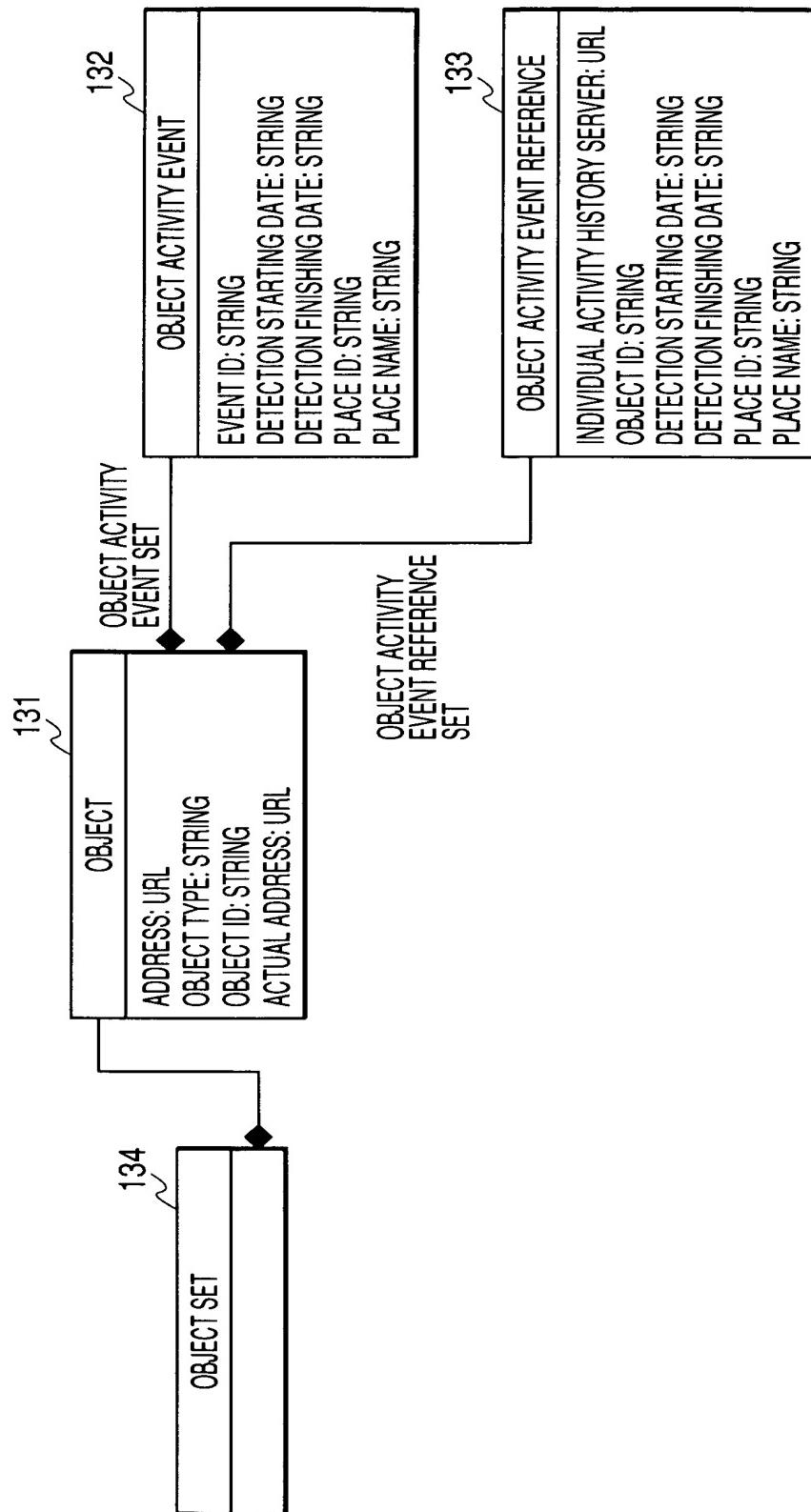
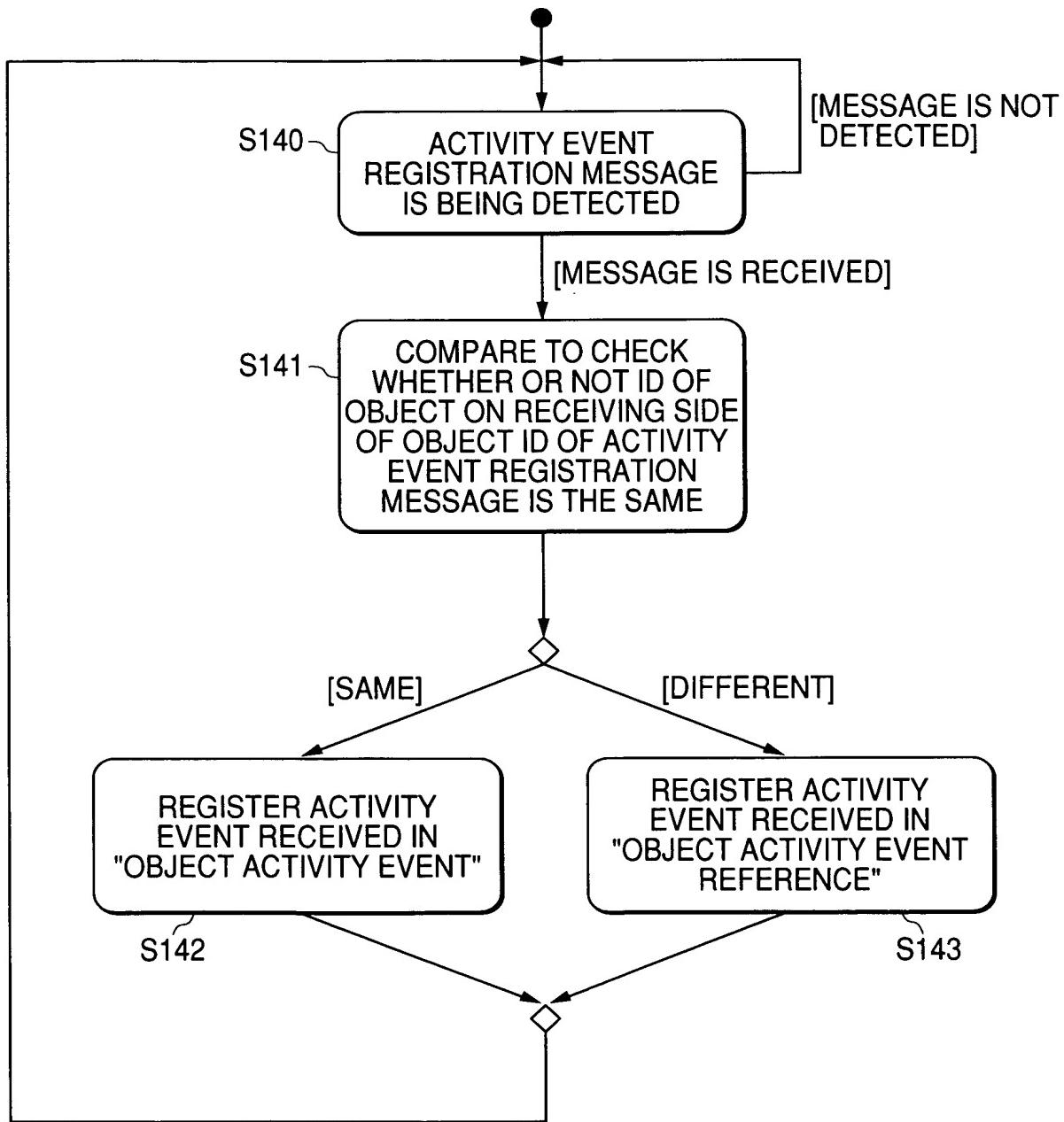


FIG. 14

PROCESSING OF REGISTRATION OF RECEIPT OF ACTIVITY EVENT





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FIG. 15

RELATION MATRIX BETWEEN OBJECTS

	OBJECT 1	OBJECT 2	OBJECT 3	OBJECT n
OBJECT 1	0	0.12	0.45	
OBJECT 2		0	0.11	
OBJECT 3			0	
OBJECT 4				0.45
OBJECT n				0

151

FIG. 16

DATA STRUCTURE OF RELATION HISTORY BETWEEN OBJECTS

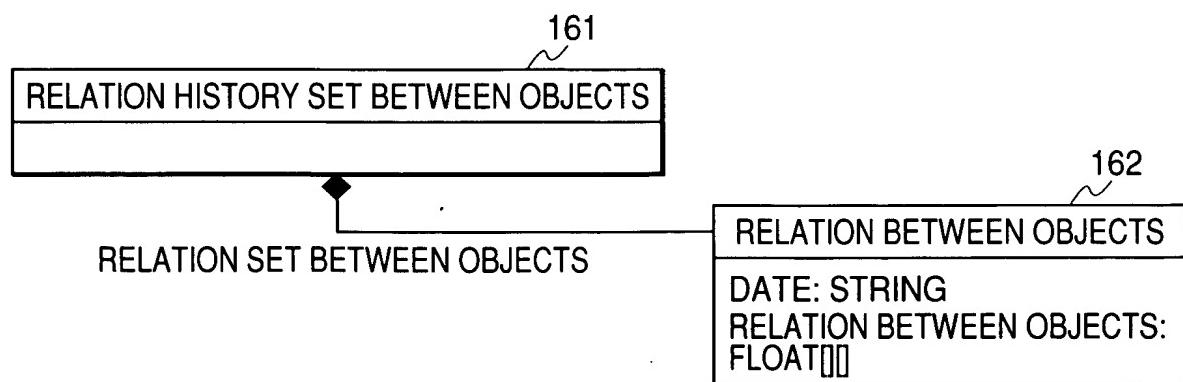


FIG. 17

INTERFACE FOR DISPLAYING AN OVERVIEW

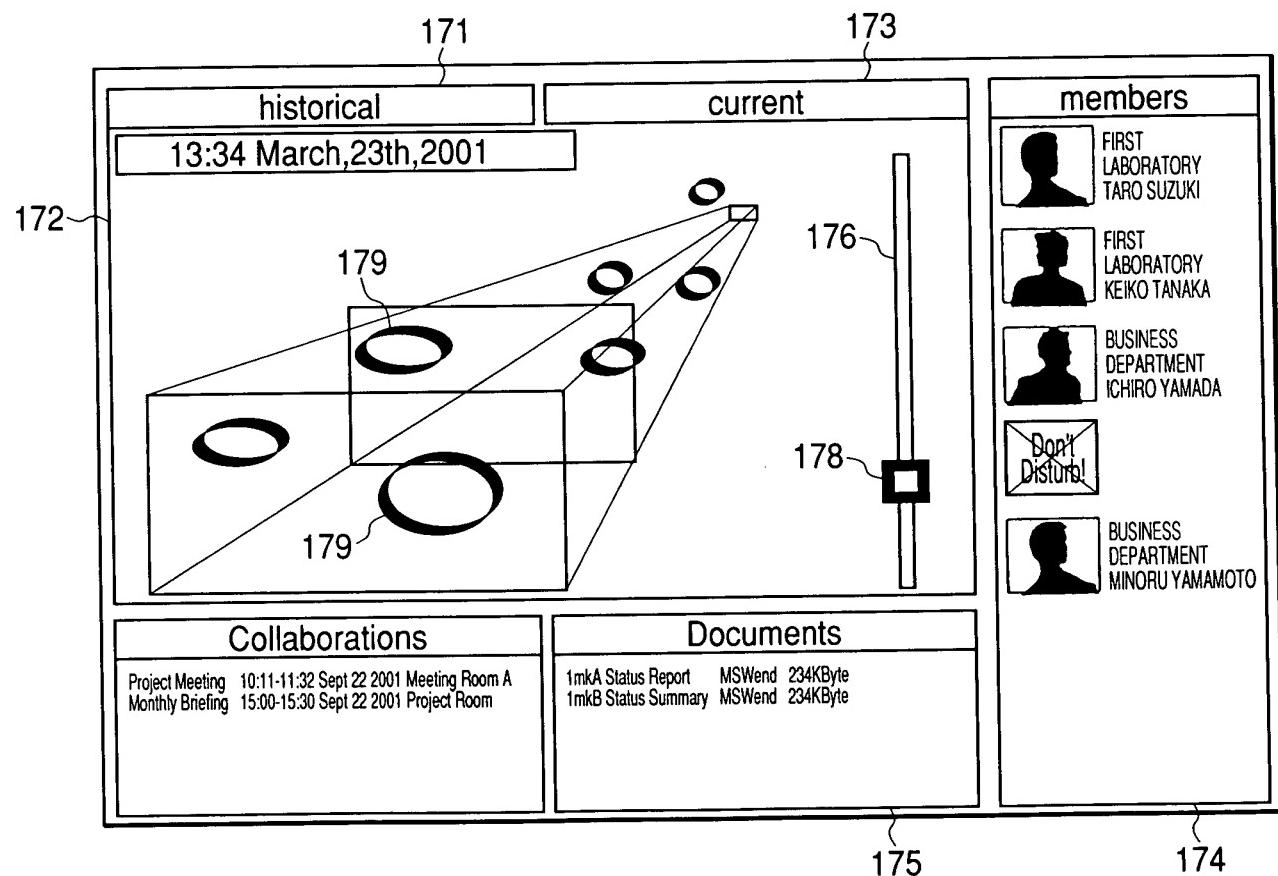
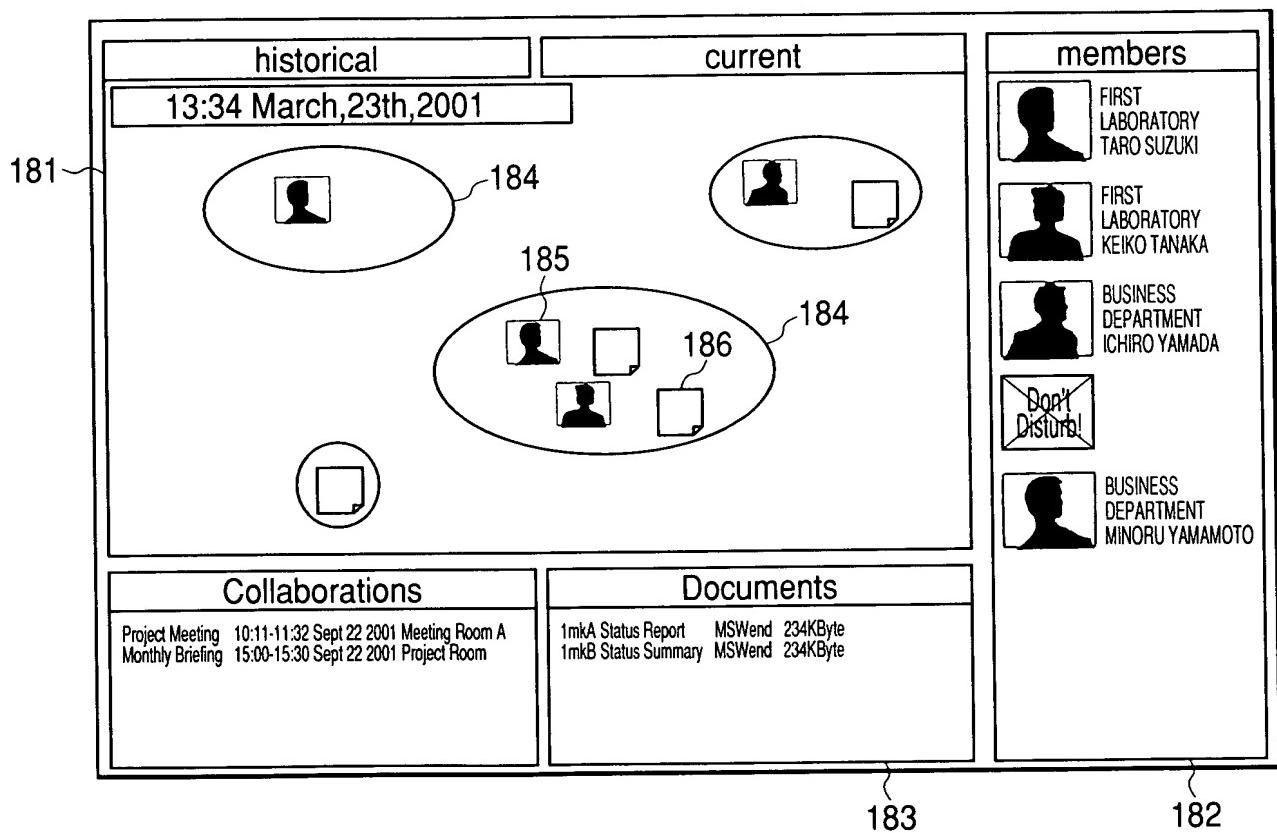




FIG. 18

INTERFACE FOR DISPLAYING AN OVERVIEW OF ACTIVITY HISTORY





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FIG. 19

VIEW OF COMMON DOCUMENT

BASIC DESIGN DOCUMENT
BASIC DESIGN DOCUMENT
FIRST EDITION
DATE : AUGUST 1, 2002



FIG. 20

PROCESSING OF DISPLAY OF AN OVERVIEW OF RELATION BETWEEN OBJECTS

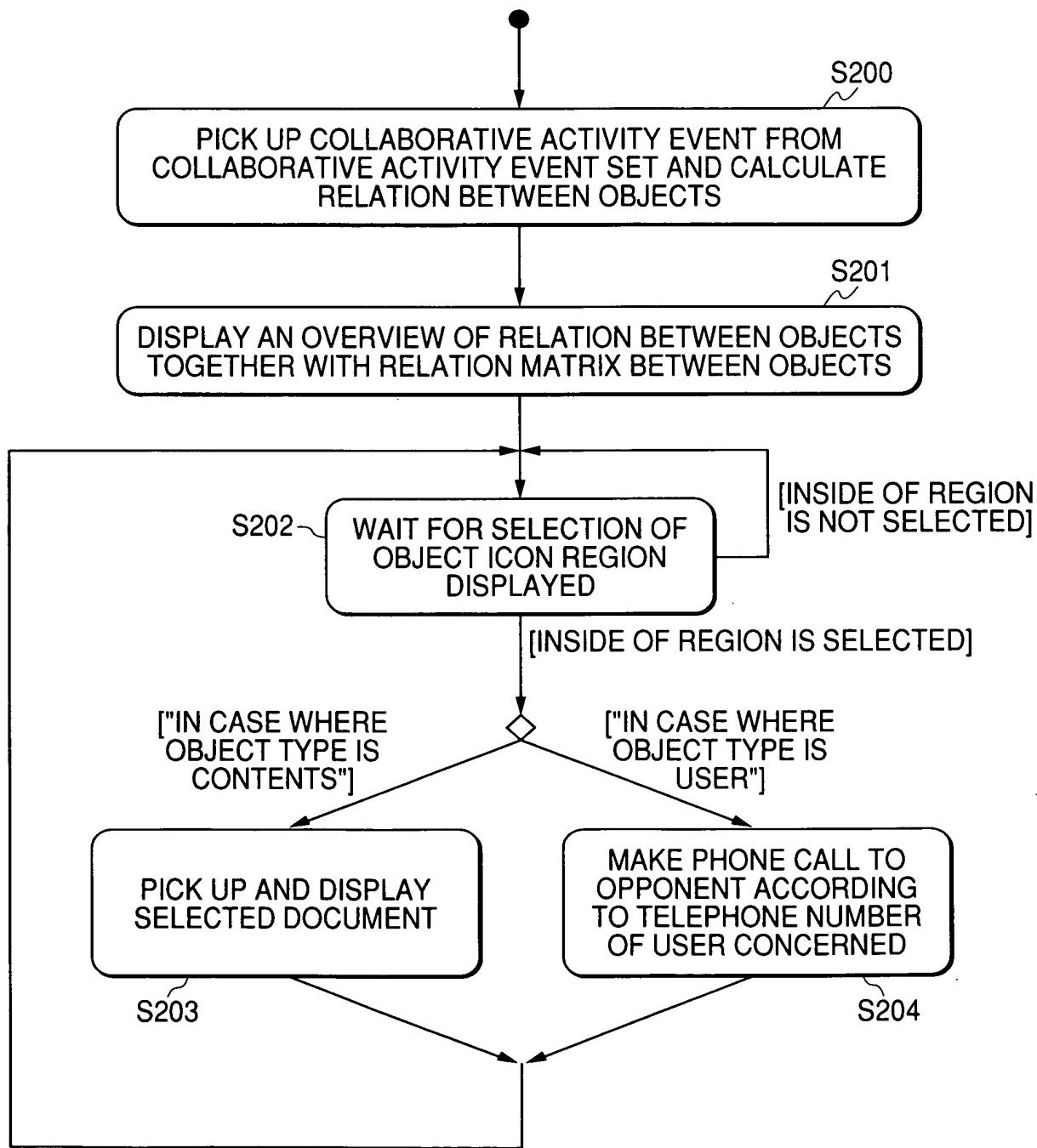


FIG. 21

PROCESSING OF GENERATION OF
COLLABORATIVE ACTIVITY CONTEXT

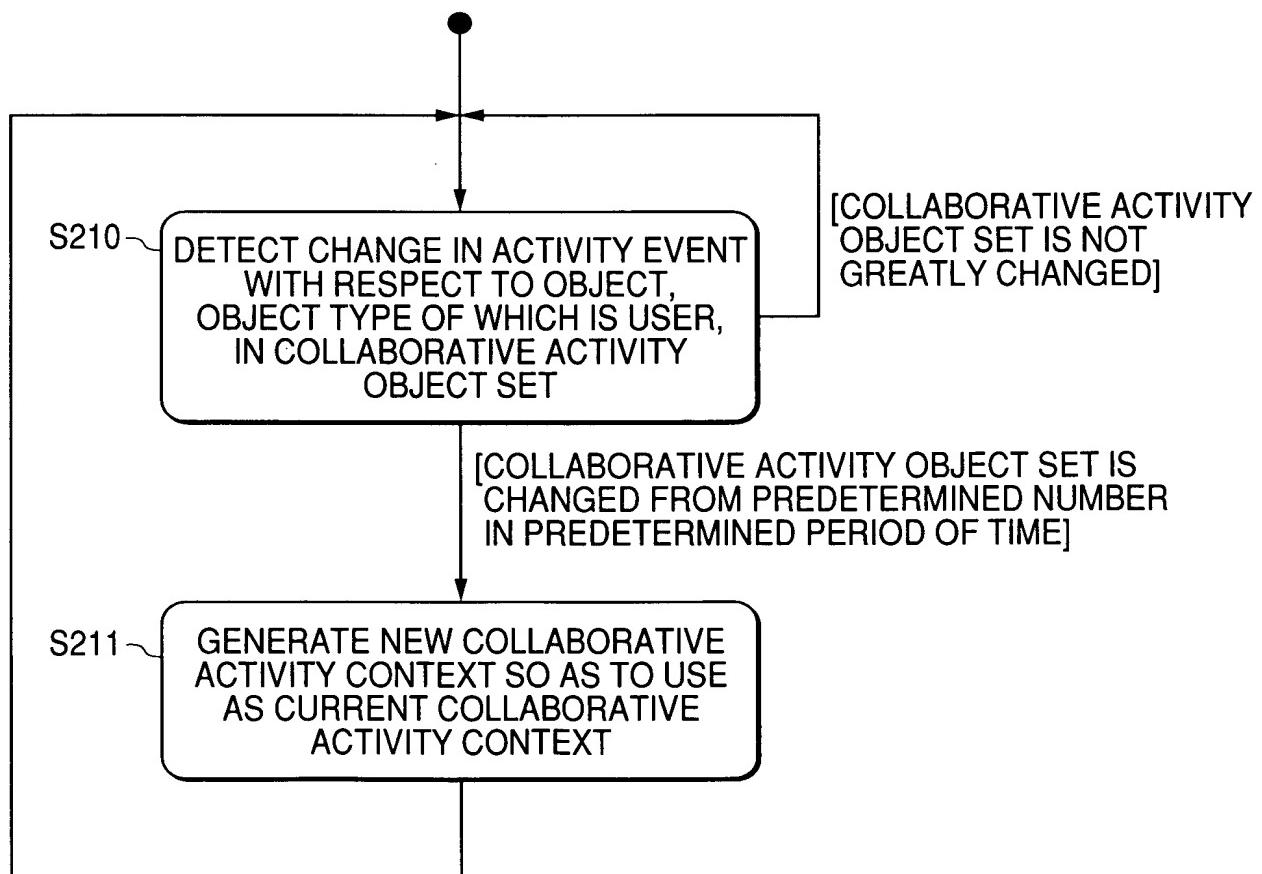




FIG. 22

AWARENESS OF CONTEXTS ACCORDING TO
RELATION BETWEEN OBJECTS DETECTED

